

Financial Statement Fraud Detection and Possible link to Company Failure

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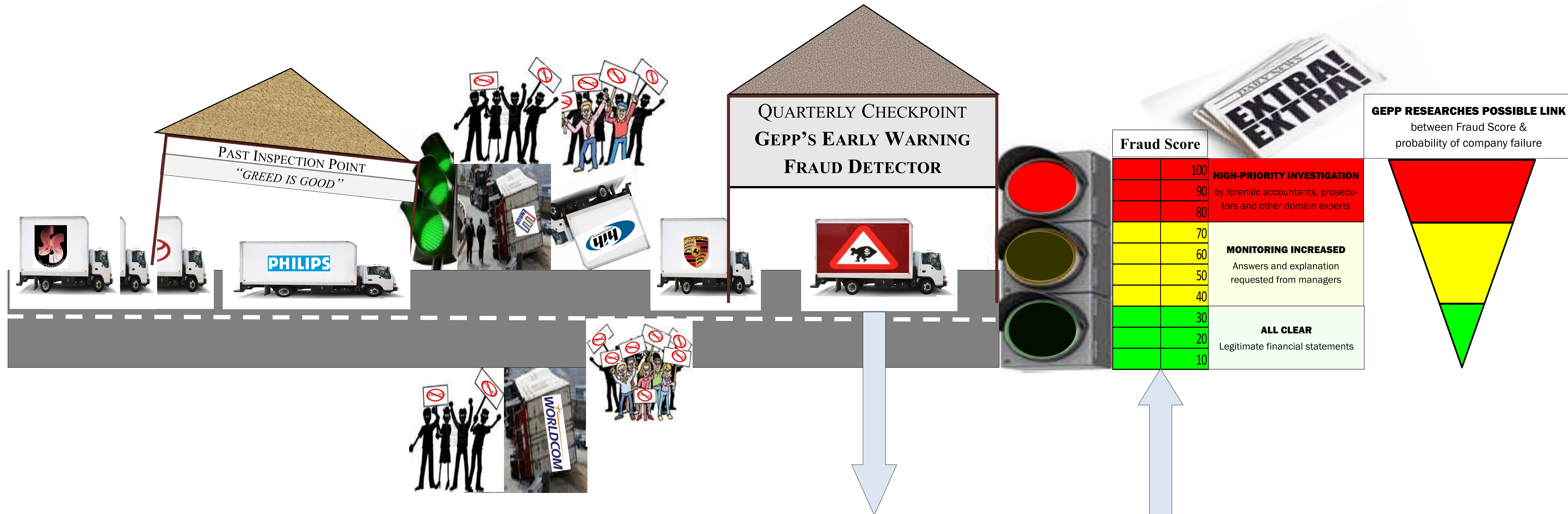
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Financial Statement Fraud Detection and possible link to company failure

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Fraud Score Calculator

Inputs
Current Financial Statement and Filing
Past Financial Statements and Filings
Industry-Specific Variables
Macroeconomic Variables

Pre-processing

Accounting and Finance Ratios
Ratio_1, Ratio_2... Ratio_n
Log(Ratio_4), Log(Ratio_5)
Ratio_3*Ratio_5,
Ratio_2 * Ratio_(n-1)

Apply Detection Techniques
Discriminant Analysis, Logistic Regression, Survival Analysis Techniques, Decision Tree Techniques, Artificial Neural Networks ...

1. Select Best Techniques
2. Apply Combiner Function
3. Calculate Fraud Score